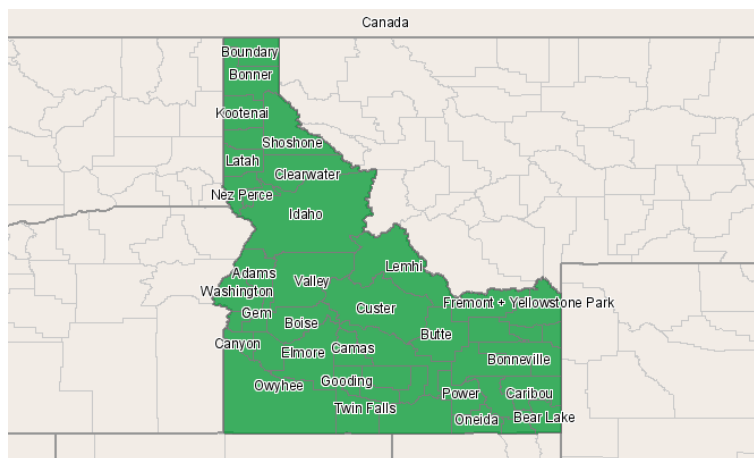


Professional Technical Education



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Career Cluster Report



Region Info

Region: Idaho

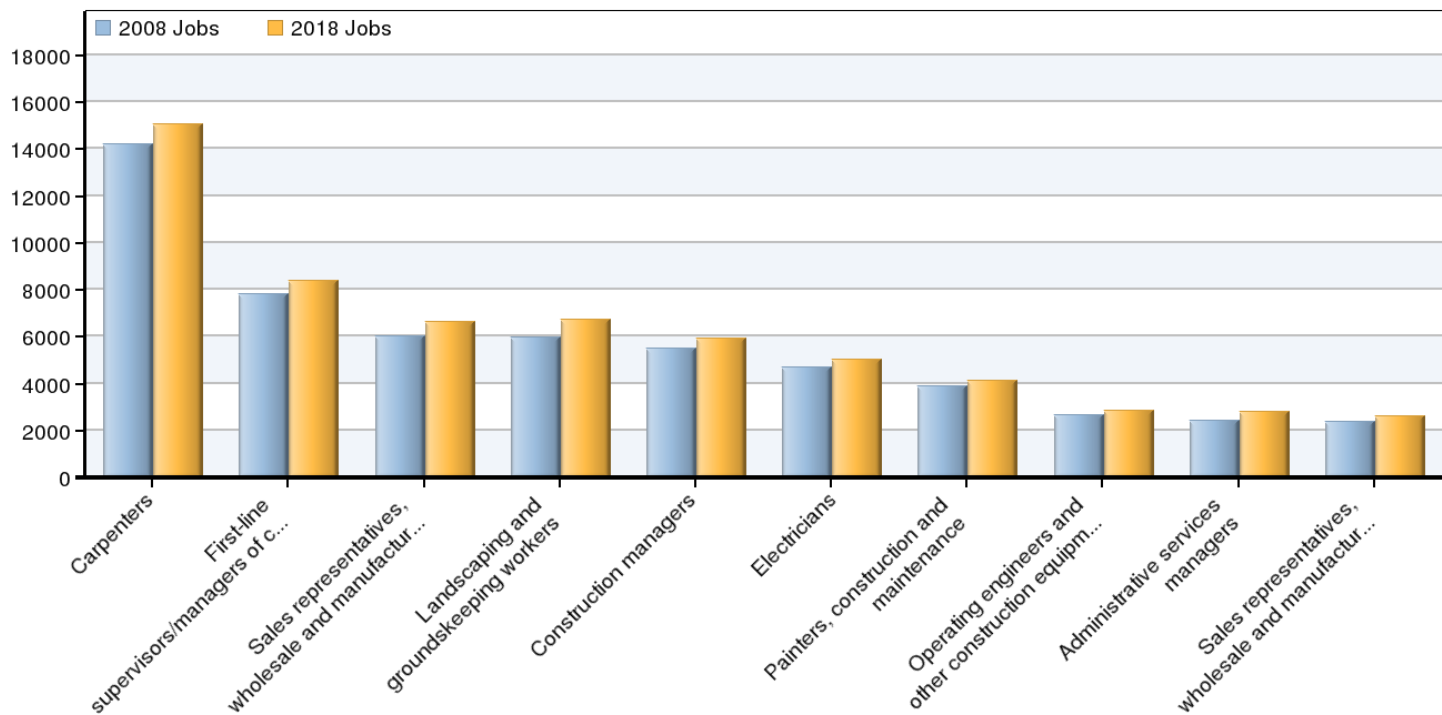
State Area: Idaho

Executive Summary for Architecture & Construction Career Cluster

Education	2008 Jobs	2018 Jobs	Change	Replacement	Current Hourly Earnings
Short-term on-the-job training	7,172	7,999	827	1,015	\$11.88
Moderate-term on-the-job training	19,007	20,609	1,602	3,720	\$19.27
Long-term on-the-job training	24,587	26,021	1,434	3,783	\$17.54
Work experience in a related field	9,788	10,651	863	1,311	\$20.35
Postsecondary vocational award	388	420	32	99	\$23.07
Associate's degree	1,309	1,501	192	269	\$20.21
Bachelor's degree	16,367	17,509	1,142	3,029	\$25.29
Degree plus work experience	8,546	9,499	953	1,830	\$30.52
Master's degree	248	296	48	74	\$26.18
Total	87,411	94,505	7,094	15,131	\$20.65

Source: EMSI Complete Employment - 4th Quarter 2009

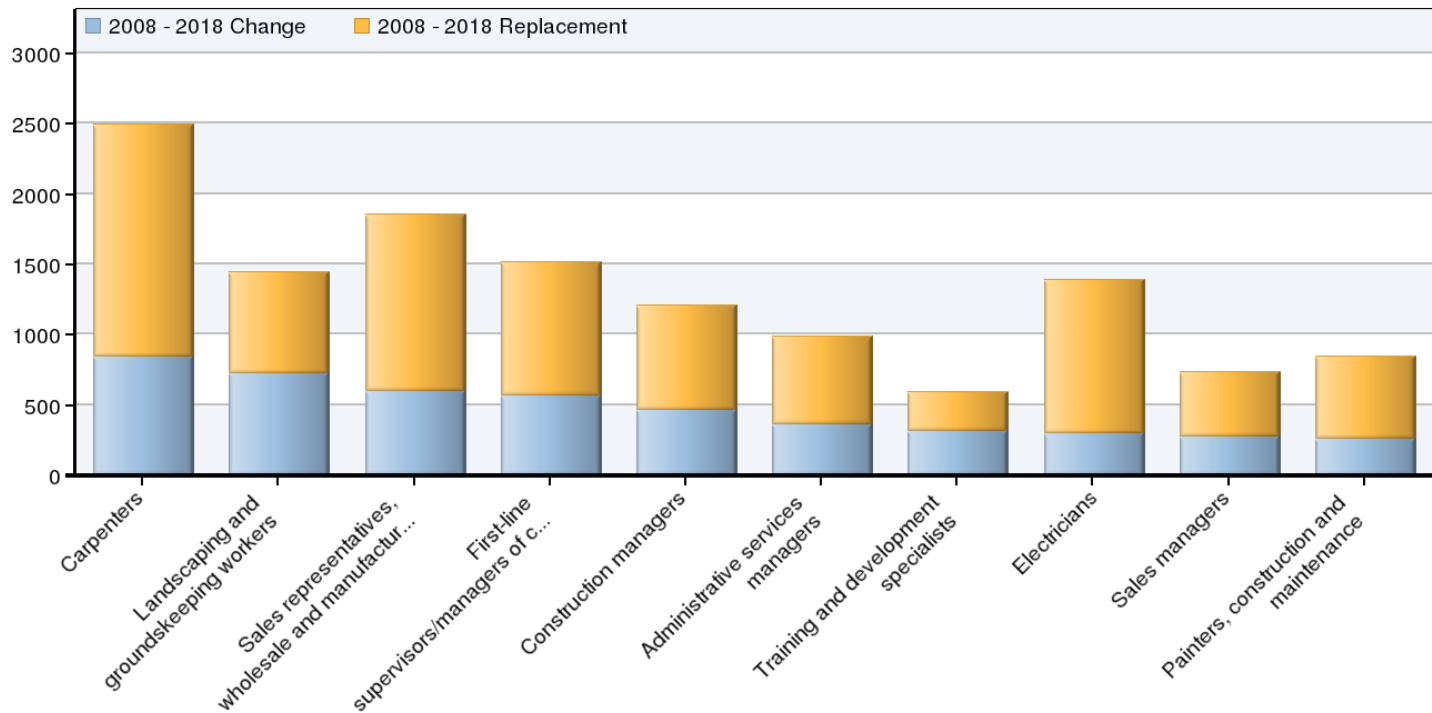
Largest Occupations



SOC Code	Description	2008 Jobs	2018 Jobs	Change	Current Hourly Earnings	Education
47-2031	Carpenters	14,215	15,057	842	\$16.70	Long-term on-the-job training
47-1011	First-line supervisors/managers of construction trades and extraction workers	7,797	8,362	565	\$20.47	Work experience in a related field
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	6,038	6,636	598	\$19.95	Moderate-term on-the-job training
37-3011	Landscaping and groundskeeping workers	5,986	6,713	727	\$10.76	Short-term on-the-job training
11-9021	Construction managers	5,479	5,945	466	\$19.37	Bachelor's degree
47-2111	Electricians	4,703	5,004	301	\$19.85	Long-term on-the-job training
47-2141	Painters, construction and maintenance	3,863	4,123	260	\$16.38	Moderate-term on-the-job training
47-2073	Operating engineers and other construction equipment operators	2,657	2,865	208	\$17.74	Moderate-term on-the-job training
11-3011	Administrative services managers	2,430	2,796	366	\$24.84	Degree plus work experience
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	2,371	2,586	215	\$29.48	Moderate-term on-the-job training

Source: EMSI Complete Employment - 4th Quarter 2009

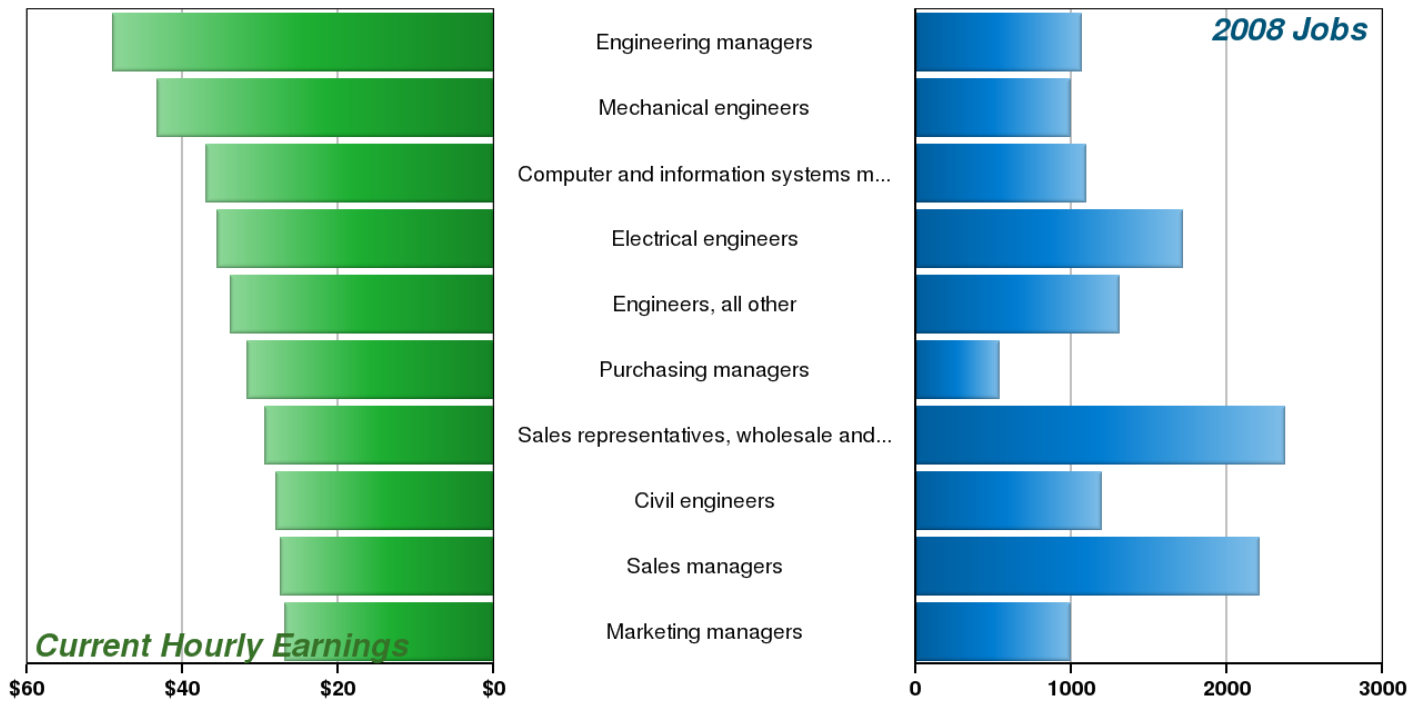
Largest Growth



SOC Code	Description	2008 - 2018 Change	Replacement	Annual Openings	Current Hourly Earnings	Education
47-2031	Carpenters	842	1,650	249	\$16.70	Long-term on-the-job training
37-3011	Landscaping and groundskeeping workers	727	716	144	\$10.76	Short-term on-the-job training
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	598	1,258	186	\$19.95	Moderate-term on-the-job training
47-1011	First-line supervisors/managers of construction trades and extraction workers	565	955	152	\$20.47	Work experience in a related field
11-9021	Construction managers	466	741	121	\$19.37	Bachelor's degree
11-3011	Administrative services managers	366	622	99	\$24.84	Degree plus work experience
13-1073	Training and development specialists	317	278	59	\$20.46	Bachelor's degree
47-2111	Electricians	301	1,092	139	\$19.85	Long-term on-the-job training
11-2022	Sales managers	275	459	73	\$27.40	Degree plus work experience
47-2141	Painters, construction and maintenance	260	587	85	\$16.38	Moderate-term on-the-job training

Source: EMSI Complete Employment - 4th Quarter 2009

Highest Earnings



SOC Code	Description	Current Hourly Earnings	2008 Jobs	2008 - 2018 Change	Replacement	Education
11-9041	Engineering managers	\$48.94	1,067	-54	192	Degree plus work experience
17-2141	Mechanical engineers	\$43.24	994	-22	196	Bachelor's degree
11-3021	Computer and information systems managers	\$36.96	1,091	177	169	Degree plus work experience
17-2071	Electrical engineers	\$35.59	1,713	-161	331	Bachelor's degree
17-2199	Engineers, all other	\$33.90	1,305	44	143	Bachelor's degree
11-3061	Purchasing managers	\$31.65	536	5	140	Degree plus work experience
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	\$29.48	2,371	215	489	Moderate-term on-the-job training
17-2051	Civil engineers	\$28.00	1,196	160	299	Bachelor's degree
11-2022	Sales managers	\$27.40	2,207	275	459	Degree plus work experience
11-2021	Marketing managers	\$26.86	996	136	209	Degree plus work experience

Source: EMSI Complete Employment - 4th Quarter 2009

*Note: Occupations with fewer than 10 employees are not shown.

Data Sources and Calculations

Career Cluster Data

Career clusters and pathways are collections of standard occupation (SOC) codes. They are defined by the States' Career Cluster Initiative.

Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

State Data Sources

This report uses state data from the following agencies: Idaho Department of Labor.